



# Ledinaire floodlights gen3

## BVP164 LED55/830 PSU 50W SWB MDU CE

-- 830 warm white -- -- Symmetrical

This Ledinaire floodlights range contains a selection of popular off-the-shelf LED luminaires that comes with the Philips high quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

### Product data

General Information		Light Technical	
Lamp family code	-	Number of products on MCB of 16 A type B	44
Light source color	830 warm white	Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Light source replaceable	No	Photobiological risk specification	0.2 m
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	-	Light source engine type	LED
Driver included	Yes	Service tag	No
Optical cover/lens type	Glass		
Luminaire light beam spread	110° x 110°	Upward light output ratio	0
Control interface	-	Standard tilt angle posttop	-
Connection	Flying leads/wires	Standard tilt angle side entry	-
Cable	Cable 1.0 m without plug		
Protection class IEC	Safety class I		
Flammability mark	-		
CE mark	CE mark	Operating and Electrical	
ENEC mark	-	Input Voltage	220 to 240 V
Warranty period	3 years	Input Frequency	50 or 60 Hz
Optic type outdoor	Symmetrical	Initial CLO power consumption	- W
Constant light output	No	Average CLO power consumption	50 W
		End CLO power consumption	- W

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Inrush current	1.68 A
Inrush time	0.0082 ms
Power Factor (Min)	0.9

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Steel
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	173 mm
Overall width	263 mm
Overall height	53 mm
Effective projected area	0.028 m <sup>2</sup>
Color	grey
Dimensions (Height x Width x Depth)	53 x 263 x 173 mm (2.1 x 10.4 x 6.8 in)

### Approval and Application

Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [ 2 J reinforced]
Surge Protection (Common/Differential)	2/2 kV

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5500 lm
Luminous flux tolerance	+/-10%

Initial LED luminaire efficacy	110 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.440, 0.403) SDCM <5
Initial input power	50 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	80

### Application Conditions

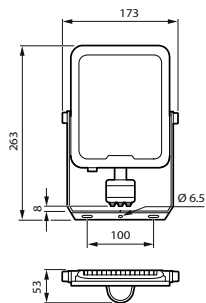
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

### Product Data

Full product code	871951453476699
Order product name	BVP164 LED55/830 PSU 50W SWB MDU CE
EAN/UPC - Product	8719514534766
Order code	911401884583
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	911401884583
Net Weight (Piece)	0.890 kg



## Dimensional drawing



Ledinaire floodlight BVP105/106

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